



-0261-2 DIV

<110> HILLMAN, Jennifer L.
GOLI, Surya K.

<120> CALCIUM-BINDING PROTEIN

<130> PF-0261-2 DIV

<140> US 09/768,840
<141> 2001-01-23

<150> US 09/206,499
<151> 1998-12-07

<150> US 08/828,242
<151> 1997-03-31

<160> 6

<170> PERL Program

<210> 1

<211> 328

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2509570CD1

<400> 1

Met Met Trp Arg Pro Ser Val Leu Leu Leu Leu Leu Leu Arg
1 5 10 15
His Gly Ala Gln Gly Lys Pro Ser Pro Asp Ala Gly Pro His Gly
20 25 30
Gln Gly Arg Val His Gln Ala Ala Pro Leu Ser Asp Ala Pro His
35 40 45
Asp Asp Ala His Gly Asn Phe Gln Tyr Asp His Glu Ala Phe Leu
50 55 60
Gly Arg Glu Val Ala Lys Glu Phe Asp Gln Leu Thr Pro Glu Glu
65 70 75
Ser Gln Ala Arg Leu Gly Arg Ile Val Asp Arg Met Asp Arg Ala
80 85 90
Gly Asp Gly Asp Gly Trp Val Ser Leu Ala Glu Leu Arg Ala Trp
95 100 105
Ile Ala His Thr Gln Gln Arg His Ile Arg Asp Ser Val Ser Ala
110 115 120
Ala Trp Asp Thr Tyr Asp Thr Asp Arg Asp Gly Arg Val Gly Trp
125 130 135
Glu Glu Leu Arg Asn Ala Thr Tyr Gly His Tyr Ala Pro Gly Glu
140 145 150
Glu Phe His Asp Val Glu Asp Ala Glu Thr Tyr Lys Lys Met Leu
155 160 165
Ala Arg Asp Glu Arg Arg Phe Arg Val Ala Asp Gln Asp Gly Asp
170 175 180
Ser Met Ala Thr Arg Glu Glu Leu Thr Ala Phe Leu His Pro Glu
185 190 195
Glu Phe Pro His Met Arg Asp Ile Val Ile Ala Glu Thr Leu Glu
200 205 210
Asp Leu Asp Arg Asn Lys Asp Gly Tyr Val Gln Val Glu Glu Tyr
215 220 225
Ile Ala Asp Leu Tyr Ser Ala Glu Pro Gly Glu Glu Glu Pro Ala
230 235 240

PF-0261-2 DIV

Trp Val Gln Thr Glu Arg Gln Gln Phe Arg Asp Phe Arg Asp Leu
245 250 255
Asn Lys Asp Gly His Leu Asp Gly Ser Glu Val Gly His Trp Val
260 265 270
Leu Pro Pro Ala Gln Asp Gln Pro Leu Val Glu Ala Asn His Leu
275 280 285
Leu His Glu Ser Asp Thr Asp Lys Asp Gly Arg Leu Ser Lys Ala
290 295 300
Glu Ile Leu Gly Asn Trp Asn Met Phe Val Gly Ser Gln Ala Thr
305 310 315
Asn Tyr Gly Glu Asp Leu Thr Arg His His Asp Glu Leu
320 325

<210> 2

<211> 1055

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2509570CB1

<220>

<221> unsure

<222> (1) ... (1055)

<223> a, t, c, g, or other

<400> 2

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cttctgtgc tactgaggca cggggcccaag gggaaagccat ccccagacgc aggcctcat 120
ggccagggga gggtgcacca ggccggccccct ctgagcgacg ctccccatga tgacgcccac 180
ggaaacttcc agtacgacca tgaggcttc ctgggacggg aagtggccaa ggaattcgac 240
caactcaccc cagaggaaag ccaggccctg ctggggccgga tctgtggaccg catggaccgc 300
gcgggggacg ggcacggctg ggtgtcgctg gccgagctc ggcgttgat cgccacacg 360
cagcagccgc acatacggga ctccggtgagc gccgcctggg acacgtacga cacggaccgc 420
gacgggcgtg tgggtggga ggagctgcgc aacgccacct atggccacta cgcccccgg 480
gaagaatttc atgacgtgga ggatgcagag acctacaaaa agatgtcgac tcgggacgag 540
cgccgttcc gggatggccga ccaggatggg gactcgatgg ccactcgaga ggagctgaca 600
gccttectgc acccccggaga gttccctcac atgcgggaca tcgtgattgc tgaaaaccctg 660
gaggacctgg acagaaacaa agatggctat gtccaggtgg aggagtacat cgccgatctg 720
tactcagccg agcctgggga ggaggagccg gcgtgggtgc agacggagag gcacgcgttc 780
cgggacttcc gggatctgaa caaggatggg cacctggatg ggagtggatgg gggccactgg 840
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gacacggaca aggatggcg gctgagcaaa gcggaaatcc tggtaattg gaacatgttt 960
gtgggcagtc aggccaccaa ctatggcgag gacctgaccc ggcaccacga tgagctgtga 1020
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<210> 3

<211> 331

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> GenBank ID No: g1262329

<400> 3

Met Ala Arg Gly Gly Arg Gly Arg Arg Leu Gly Leu Ala Leu Gly
1 5 10 15

Leu Leu Leu Ala Leu Val Leu Ala Pro Arg Val Leu Arg Ala Lys
20 25 30

PF-0261-2 DIV

Pro Thr Val Arg Lys Glu Arg Val Val Arg Pro Asp Ser Glu Leu
35 40 45
Gly Glu Arg Pro Pro Glu Asp Asn Gln Ser Phe Gln Tyr Asp His
50 55 60
Glu Ala Phe Leu Gly Lys Glu Asp Ser Lys Thr Phe Asp Gln Leu
65 70 75
Thr Pro Asp Glu Ser Lys Glu Arg Leu Gly Lys Ile Val Asp Arg
80 85 90
Ile Asp Asn Asp Gly Asp Gly Phe Val Thr Thr Glu Glu Leu Lys
95 100 105
Thr Trp Ile Lys Arg Val Gln Lys Arg Tyr Ile Phe Asp Asn Val
110 115 120
Ala Lys Val Trp Lys Asp Tyr Asp Arg Asp Lys Asp Asp Lys Ile
125 130 135
Ser Trp Glu Glu Tyr Lys Gln Ala Thr Tyr Gly Tyr Tyr Leu Gly
140 145 150
Asn Pro Ala Glu Phe His Asp Ser Ser Asp His His Thr Phe Lys
155 160 165
Lys Met Leu Pro Arg Asp Glu Arg Arg Phe Lys Ala Ala Asp Leu
170 175 180
Asn Gly Asp Leu Thr Ala Thr Arg Glu Glu Phe Thr Ala Phe Leu
185 190 195
His Pro Glu Glu Phe Glu His Met Lys Glu Ile Val Val Leu Glu
200 205 210
Thr Leu Glu Asp Ile Asp Lys Asn Gly Asp Gly Phe Val Asp Gln
215 220 225
Asp Glu Tyr Ile Ala Asp Met Phe Ser His Glu Glu Asn Gly Pro
230 235 240
Glu Pro Asp Trp Val Leu Ser Glu Arg Glu Gln Phe Asn Glu Phe
245 250 255
Arg Asp Leu Asn Lys Asp Gly Lys Leu Asp Lys Asp Glu Ile Arg
260 265 270
His Trp Ile Leu Pro Gln Asp Tyr Asp His Ala Gln Ala Glu Ala
275 280 285
Arg His Leu Val Tyr Glu Ser Asp Lys Asn Lys Asp Glu Lys Leu
290 295 300
Thr Lys Glu Glu Ile Leu Glu Asn Trp Asn Met Phe Val Gly Ser
305 310 315
Gln Ala Thr Asn Tyr Gly Glu Asp Leu Thr Lys Asn His Asp Glu
320 325 330
Leu

<210> 4
<211> 325
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> GenBank ID No: g220582

<400> 4
Met Ala Arg Gly Gly Arg Leu Gly Leu Ala Leu Gly Leu Leu Leu
1 5 10 15
Ala Leu Val Leu Ala Leu Arg Ala Lys Pro Thr Val Arg Lys Glu
20 25 30
Arg Val Val Arg Pro Asp Ser Glu Leu Gly Glu Arg Pro Pro Glu
35 40 45
Asp Asn Gln Ser Phe Gln Tyr Asp His Glu Ala Phe Leu Gly Lys
50 55 60

PF-0261-2 DIV

Glu Asp Ser Lys Thr Phe Asp Gln Leu Ser Pro Asp Glu Ser Lys
65 70 75
Glu Arg Leu Gly Lys Ile Val Asp Arg Ile Asp Ser Asp Gly Asp
80 85 90
Gly Leu Val Thr Thr Glu Glu Leu Lys Leu Trp Ile Lys Arg Val
95 100 105
Gln Lys Arg Tyr Ile Tyr Asp Asn Val Ala Lys Val Trp Lys Asp
110 115 120
Tyr Asp Arg Asp Lys Asp Glu Lys Ile Ser Trp Glu Glu Tyr Lys
125 130 135
Gln Ala Thr Tyr Gly Tyr Tyr Leu Gly Asn Pro Ala Glu Phe His
140 145 150
Asp Ser Ser Asp His His Thr Phe Lys Lys Met Leu Pro Arg Asp
155 160 165
Glu Arg Arg Phe Lys Ala Ser Asp Leu Asp Gly Asp Leu Thr Ala
170 175 180
Thr Arg Glu Glu Phe Thr Ala Phe Leu His Pro Glu Glu Phe Glu
185 190 195
His Met Lys Glu Ile Val Val Leu Glu Thr Leu Glu Asp Ile Asp
200 205 210
Lys Asn Gly Asp Gly Phe Val Asp Gln Asp Glu Tyr Ile Ala Asp
215 220 225
Met Phe Ser His Glu Asp Asn Gly Pro Glu Pro Asp Trp Val Leu
230 235 240
Ser Glu Arg Glu Gln Phe Asn Asp Phe Arg Asp Leu Asn Lys Asp
245 250 255
Gly Lys Leu Asp Lys Asp Glu Ile Arg His Trp Ile Leu Pro Gln
260 265 270
Asp Tyr Asp His Ala Gln Ala Glu Ala Arg His Leu Val Tyr Glu
275 280 285
Ser Asp Lys Asn Lys Asp Glu Met Leu Thr Lys Glu Glu Ile Leu
290 295 300
Asp Asn Trp Asn Met Phe Val Gly Ser Gln Ala Thr Asn Tyr Gly
305 310 315
Glu Asp Leu Thr Lys Asn His Asp Glu Leu
320 325

<210> 5

<211> 4

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: FRAG1

<400> 5

Lys Asp Glu Leu

1

<210> 6

<211> 4

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: FRAG2

<400> 6

His Asp Glu Leu

PF-0261-2 DIV

1